

Converting Colors

YUV(221.8770, 16.3296,
-57.7741)

Have a look what the booklet for
YUV(221.8770, 16.3296, -57.7741)
contains.

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Color

**YUV(221.8770, 16.3296,
-57.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	9CF9FF
RGB	156, 249, 255
RGB Percent	61%, 98%, 100%
CMY	0.3882, 0.0235, 0.0000
CMYK	0.39, 0.02, 0.00, 0.00
HSL	184°, 100%, 81%
HSV	184°, 39%, 100%
XYZ	65.6360, 82.0393, 106.9835
YIQ	221.8770, -57.3540, -17.8500

Conversions

Conversions Part 2

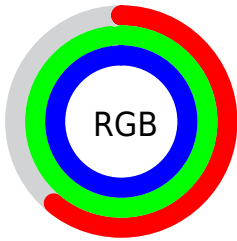
Format	Color
R_{YB}	156, 204, 255
Decimal	10287615
CIE _{Lab}	92.59, -26.12, -11.60
CIE _{LCh}	93, 28.582, 203.949
Yxy	82.0393, 0.2577, 0.3222
Android (android.graphics.Color)	4288477695 (0xFF9CF9FF)
YUV	221.8770, 16.3296, -57.7741
Hunter-Lab	90.5755, -29.1563, -6.6277

Details

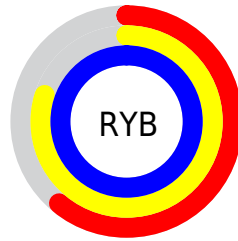
The YUV color **221.8770, 16.3296, -57.7741** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.1230, -16.3296, 57.7741**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, 6.0437, -25.2059**, and **164.5780, 16.4770, -58.3889** is the 20% darker color. If you saturate the color by 10%, you get **213.2280, 20.5936, -72.1140**, and if you desaturate by 10%, it is **230.8250, 11.9183, -42.8195**.

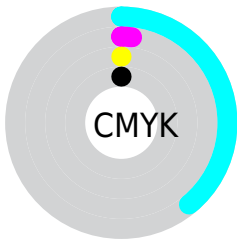
Distribution



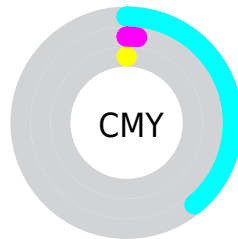
- Red (61%)
- Green (98%)
- Blue (100%)



- Red (61%)
- Yellow (80%)
- Blue (100%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8770, 16.3296, -57.7741 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 221.8770, 16.3296, -57.7741 by changing the saturation by 10% instead.

221.8770, 16.3296,
-57.7741

221.8770, 16.3296,
-57.7741

255.0000, 0.0000,
0.0000

192.8770, 16.3296,
-57.7741

242.7410, 6.0437,
-25.2059

164.5780, 16.4770,
-58.3889

251.7110, 1.6215,
-6.7625

136.9800, 16.7719,
-59.6185

107.7020, 18.3879,
-64.6367

79.8970, 19.2778,
-70.0697

62.3720, 15.5926,
-54.7002

45.6620, 12.4916,

-40.0456

■ 30.1260, 8.8119,
-26.4205

■ 13.7580, 7.0213,
-12.0658

■ 221.8770, 16.3296,
-57.7741

■ 221.8770, 16.3296,
-57.7741

■ 213.2280, 20.5936,
-72.1140

■ 230.8250, 11.9183,
-42.8195

■ 204.8670, 24.7156,
-87.5834

■ 238.8870, 7.9437,
-27.9649

■ 196.2180, 28.9795,
-101.9232

■ 247.8350, 3.5323,
-13.0103

■ 187.8570, 33.1015,
-117.3926

■ 255.0000, 0.0000,
0.0000

■ 179.2080, 37.3655,
-131.7324

■ 170.8470, 41.4874,
-147.2018

■ 169.9500, 41.9297,
-149.0461

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.1700, 1.8882, -45.7531



221.8770, 16.3296, -57.7741



221.9210, 16.3079, -50.7967

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.8770, 16.3296, -57.7741



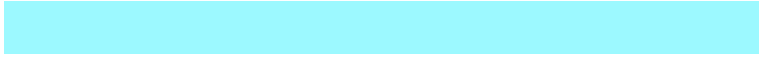
234.4550, 10.1287, 18.0180



231.6610, -25.9619, 20.4683

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



221.8770, 16.3296, -57.7741



189.1230, -16.3296, 57.7741

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.6320, -18.5526, 24.0017



221.8770, 16.3296, -57.7741



229.8100, 5.0237, 22.0916

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.8770, 16.3296, -57.7741



232.5620, 11.0619, -1.3699



226.7320, -6.7699, 24.7910



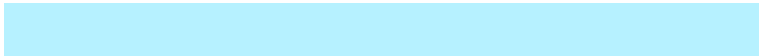
230.2240, -23.2814, 0.6806

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.8770, 16.3296, -57.7741



224.9550, 14.8122, -37.6715



226.7320, -6.7699, 24.7910



230.1280, -24.2201, 21.8127

Sweetspot

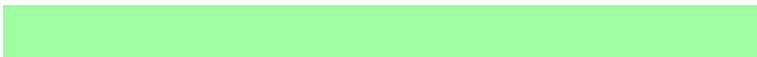
The Sweet Spot groups the original color and five complimentary colors.



221.8770, 16.3296, -57.7741



244.5570, 5.1484, -18.0285



214.6830, -26.4657, -51.4650



121.4440, 3.2321, -10.0364



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

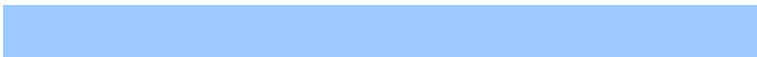
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.8770, 16.3296, -57.7741



215.0110, 19.7146, -70.1696



193.7010, 30.2204, -33.0638



123.5260, 2.2057, -7.4773



127.4340, 31.3380, -111.7596



42.5160, 10.5916, -37.2865

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



196.2030, 26.0289, 51.5650



183.7620, 31.6693, 62.4757



217.2990, -30.2204, 33.0638



120.2550, 3.3253, 6.7924



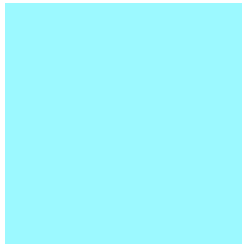
77.6290, 50.4689, 99.4264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 221.8770, 16.3296, -57.7741 looks on a white background.

Color Contrast Check

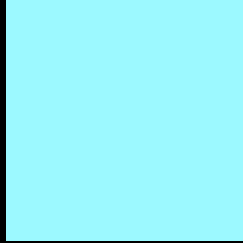
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 221.8770, 16.3296, -57.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.8770, 16.3296, -57.7741 Background



This preview shows how black text looks on a background with the YUV color 221.8770, 16.3296, -57.7741.



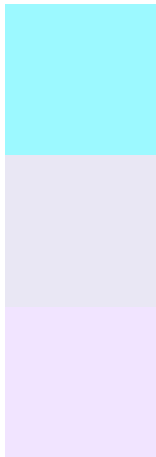
This preview shows how white text looks on a background with the YUV color 221.8770, 16.3296, -57.7741.

-57.7741.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

221.8770, 16.3296, -57.7741

Protanopia

233.0800, 5.3836, -0.0702

Deuteranopia

234.9650, 9.8773, 5.2927



Tritanopia

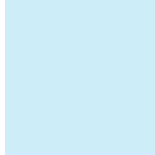
227.9340, 13.3435, -33.2681

Trichromacy



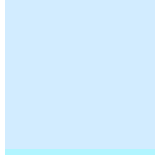
Original Color

221.8770, 16.3296, -57.7741



Protanomaly

229.2730, 9.2324, -21.2874



Deuteranomaly

230.3920, 12.1317, -17.8838



Tritanomaly

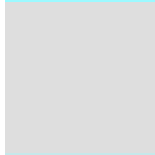
226.1070, 14.2442, -42.1898

Monochromacy



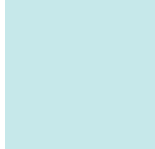
Original Color

221.8770, 16.3296, -57.7741



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

222.0620, 5.8854, -21.1024

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8770, 16.3296, -57.7741 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 249, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 249, 255) }
```

Border

The CSS property to change the border of an element to YUV 221.8770, 16.3296, -57.7741 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 249, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 249, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 221.8770, 16.3296, -57.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 249, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
249, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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